

The Post SB 437 Landscape:
Changes in Drug Abuse Patterns in
West Virginia 2012 to 2014

Emerging Public Health Challenges?

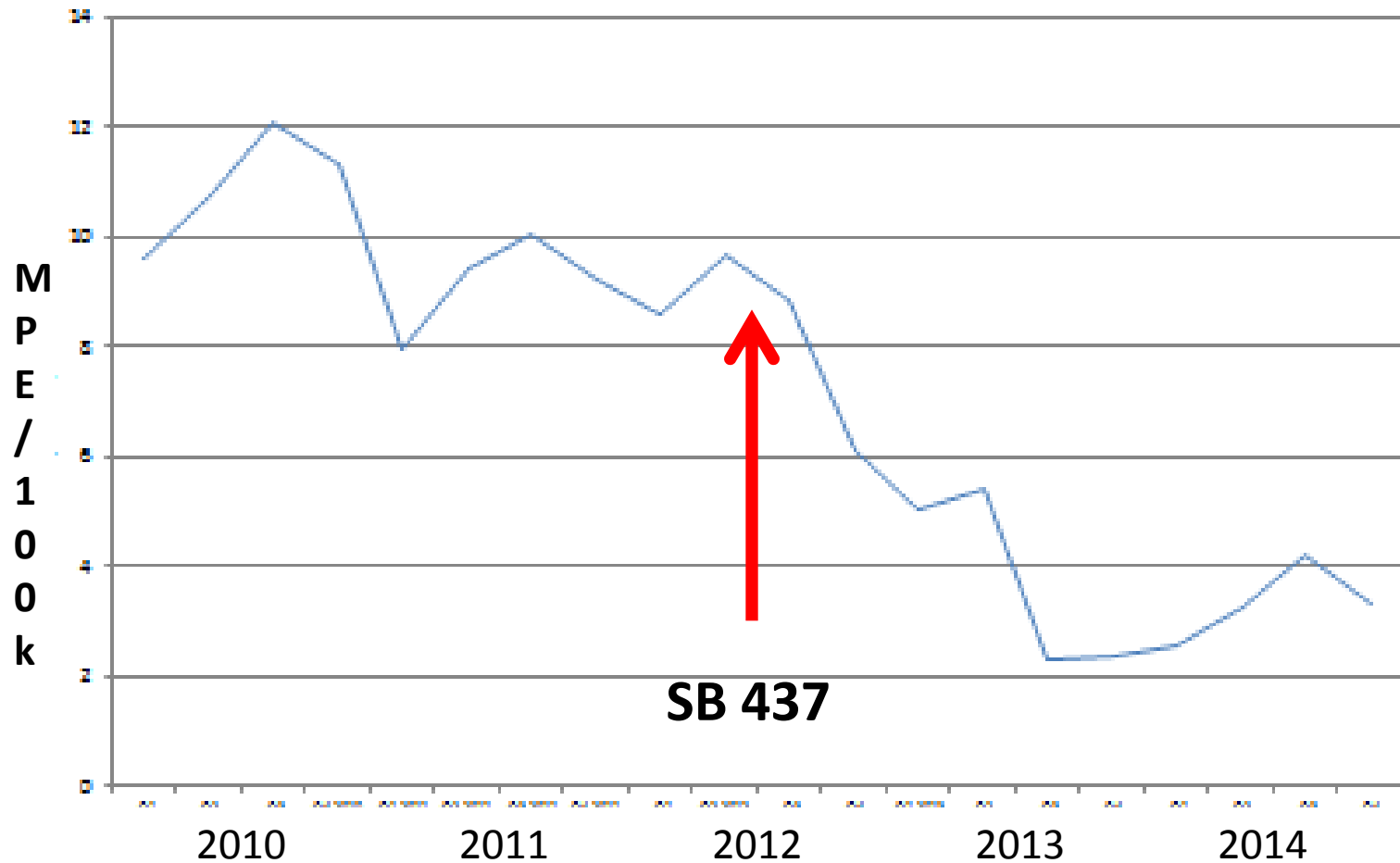
Jim Kaplan MD

OCME - WV

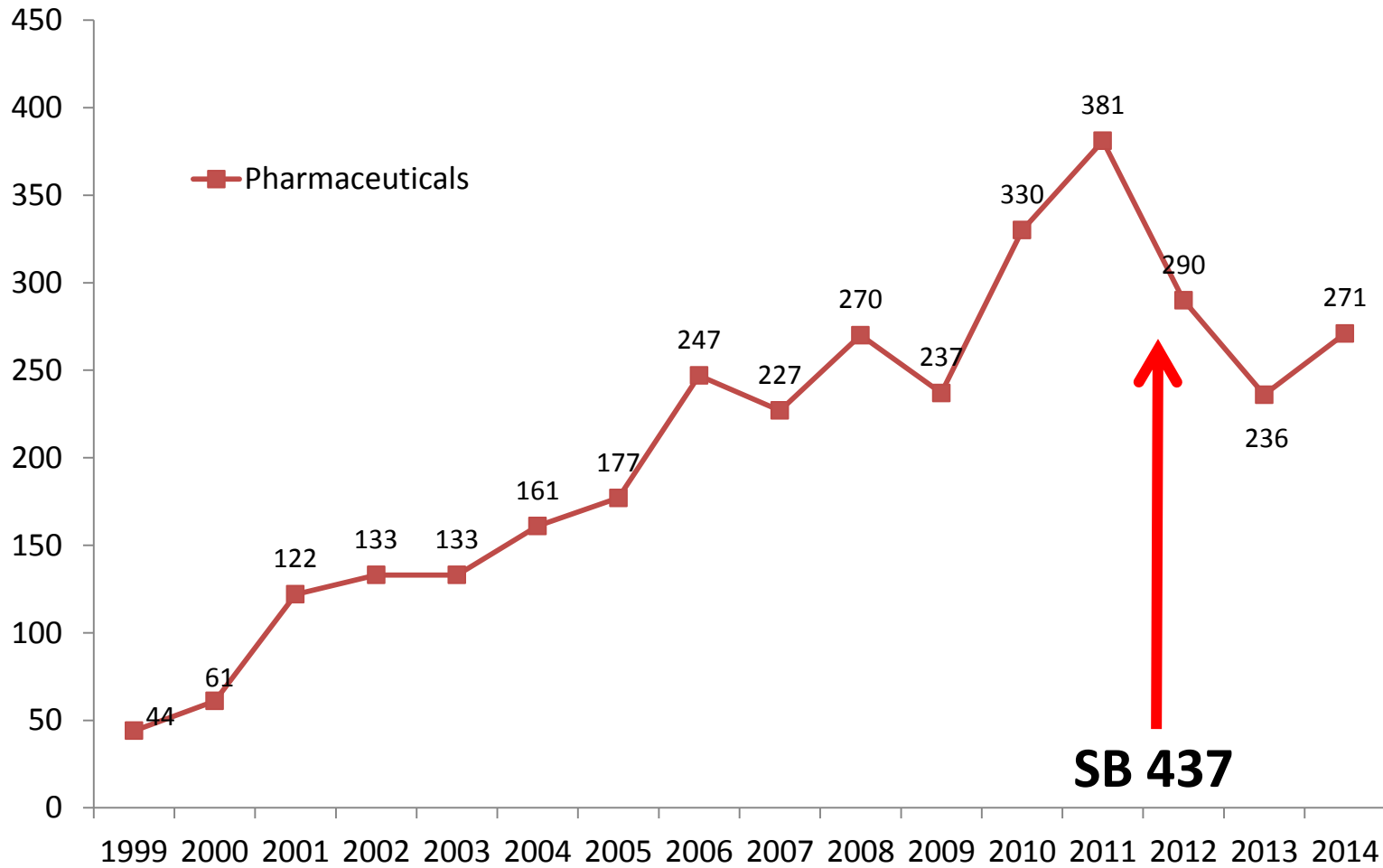
SB 437

- Passed March 10, 2012; effective June 8
- Defines Chronic Pain
- DHHR regulation of Pain Clinics and OTPs
- Mandatory CSMP queries
- Timely and comprehensive CSMP reporting
- Defines/reviews best prescribing practices
- Mandatory training for all CS providers
- CSMP Review Committee: investigative role

WV: Multiple Provider Episode Rate, by Quarter: 2010 to 2014



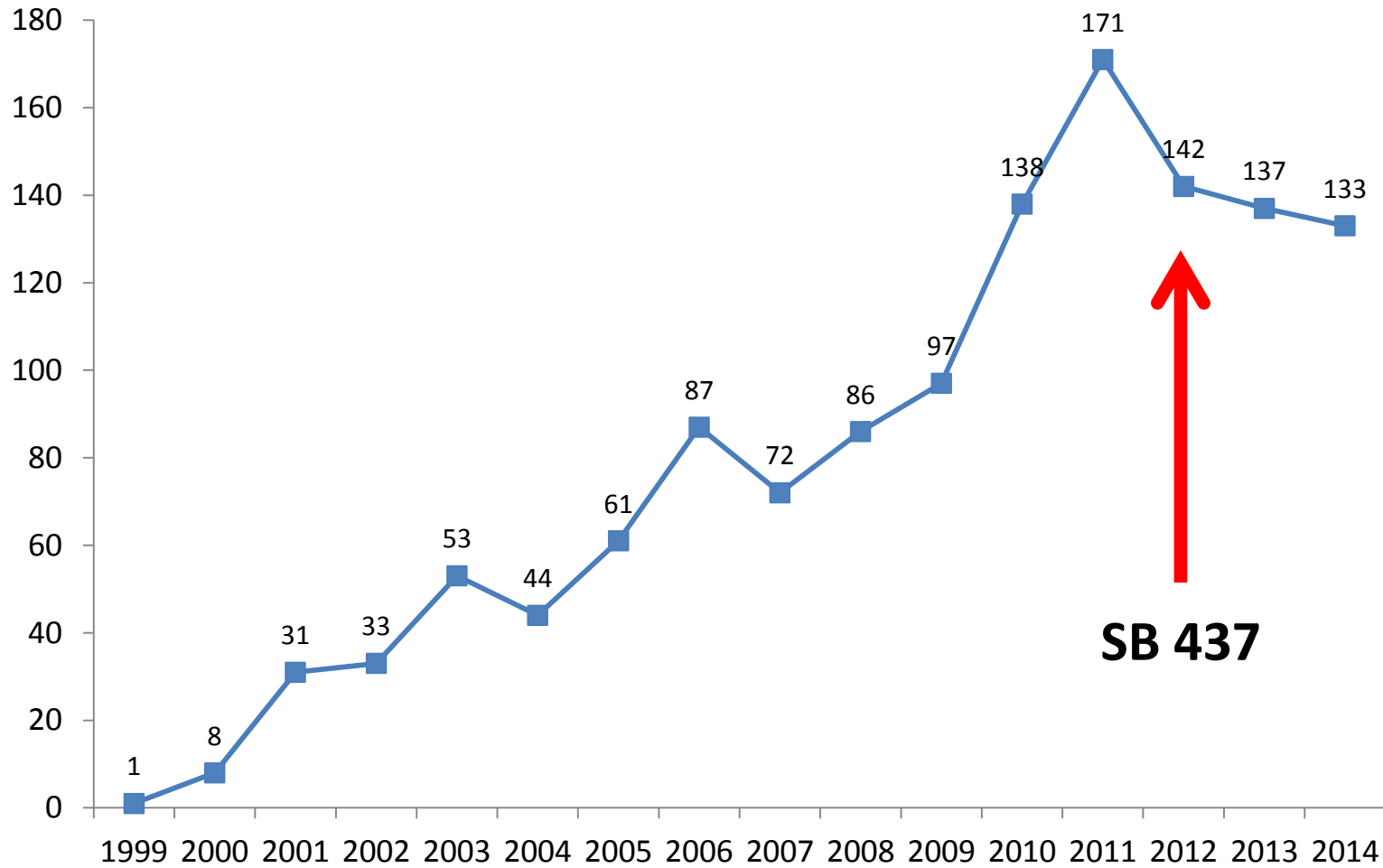
Pharmaceutical Drug Overdose Deaths by Year, 1999-2014 West Virginia Occurrences



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

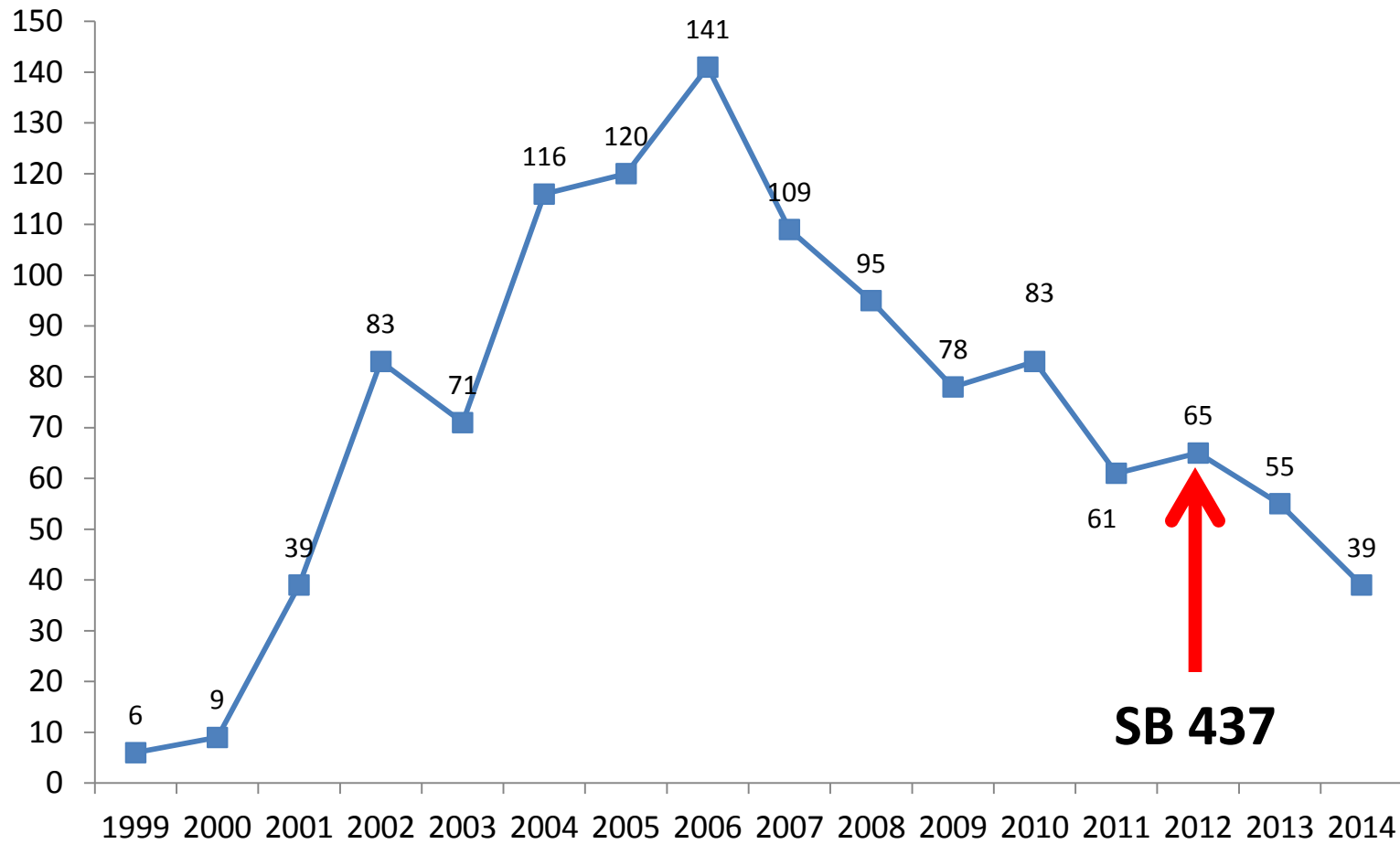
Drug Overdose Deaths Involving Hydrocodone West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

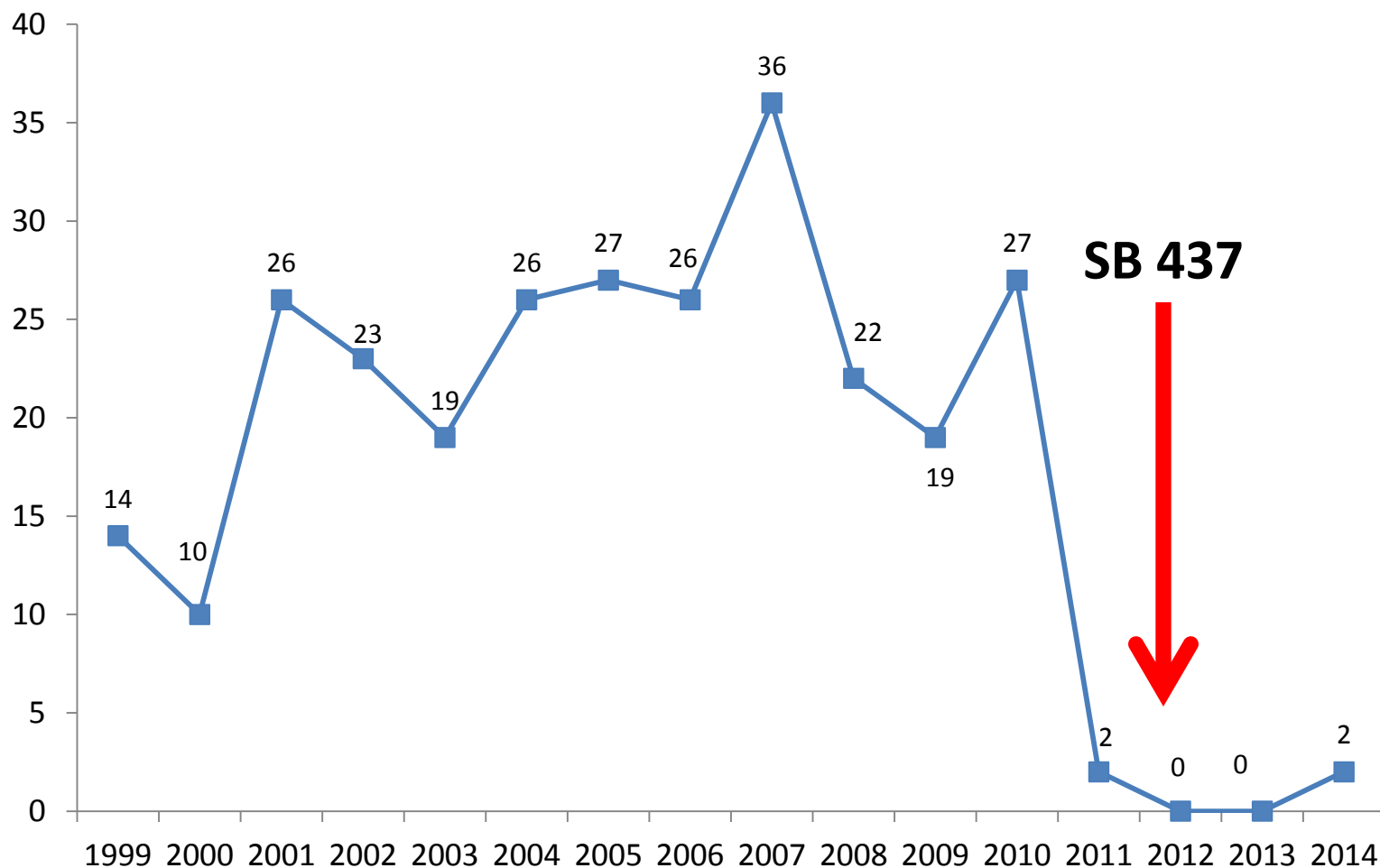
Drug Overdose Deaths Involving Methadone West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

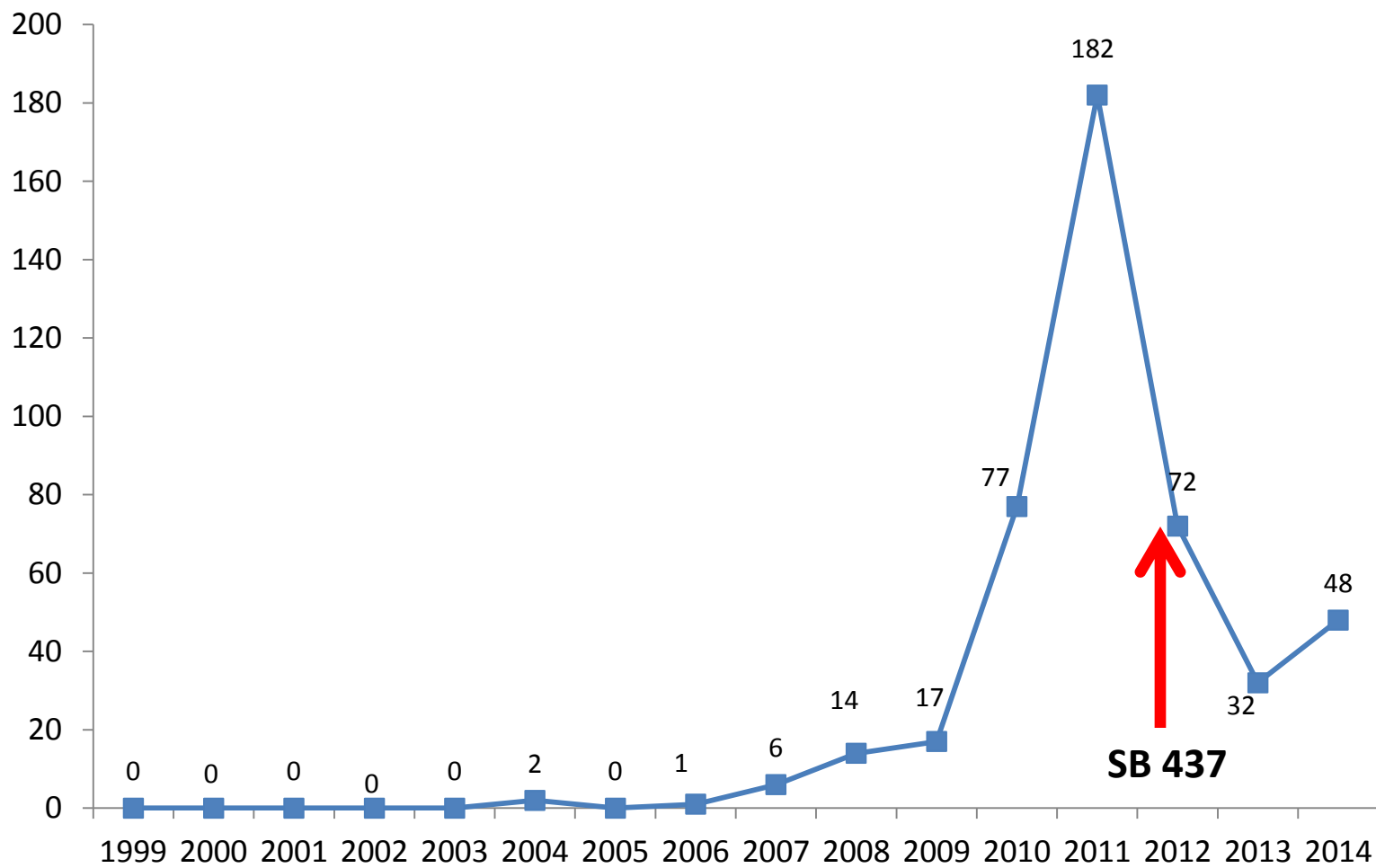
Drug Overdose Deaths Involving Propoxyphene West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

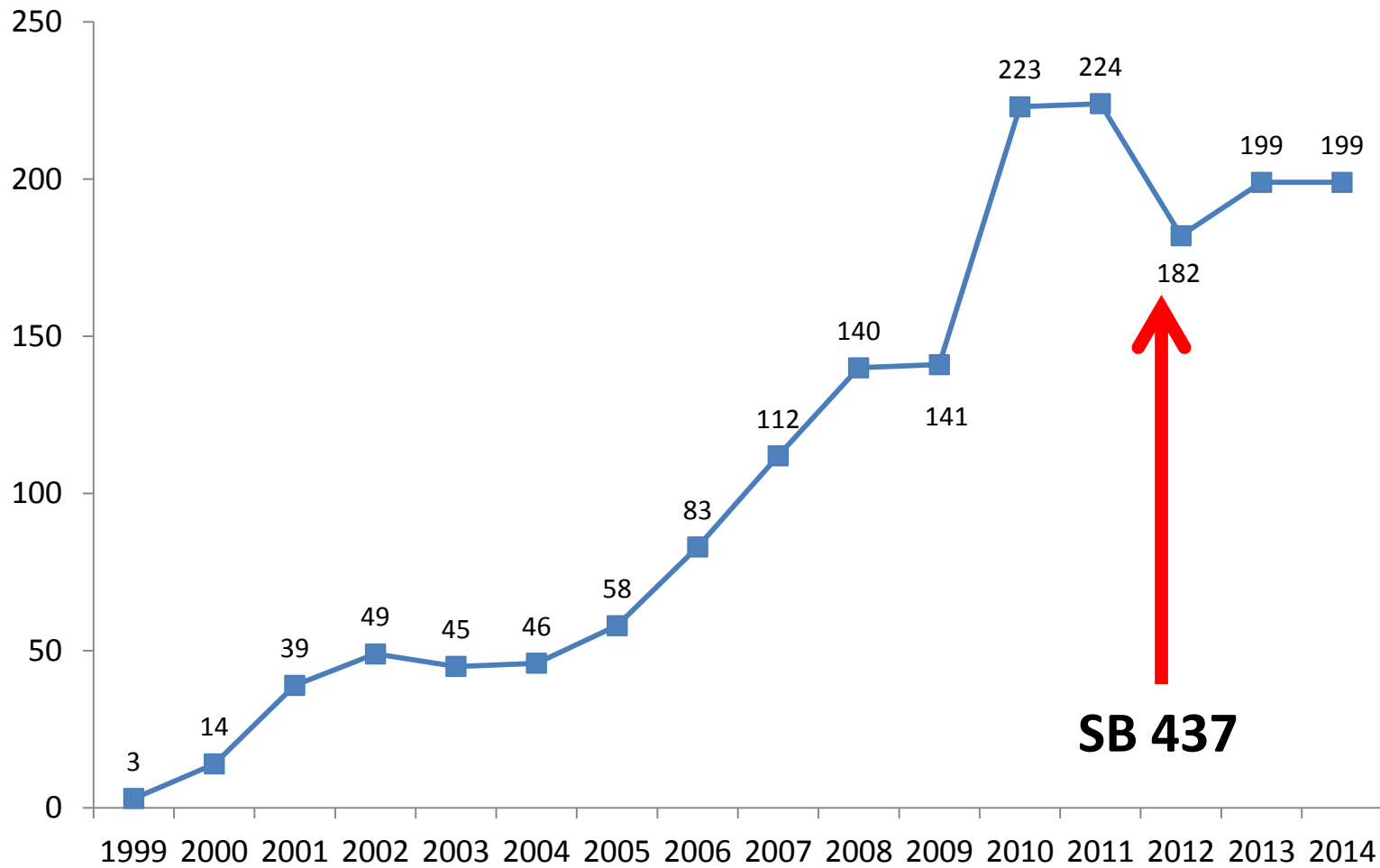
Drug Overdose Deaths Involving Oxymorphone West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

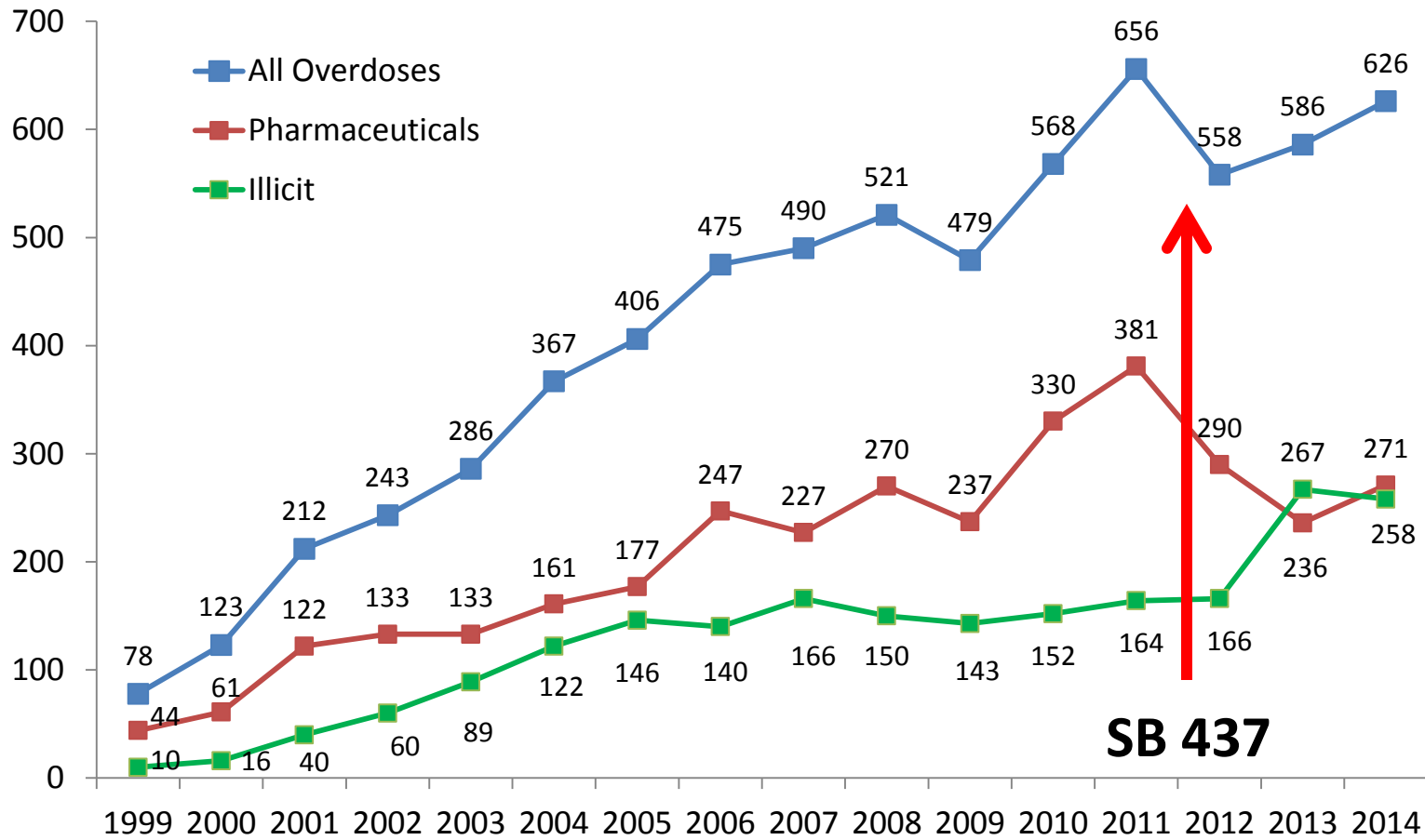
Drug Overdose Deaths Involving Oxycodone West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

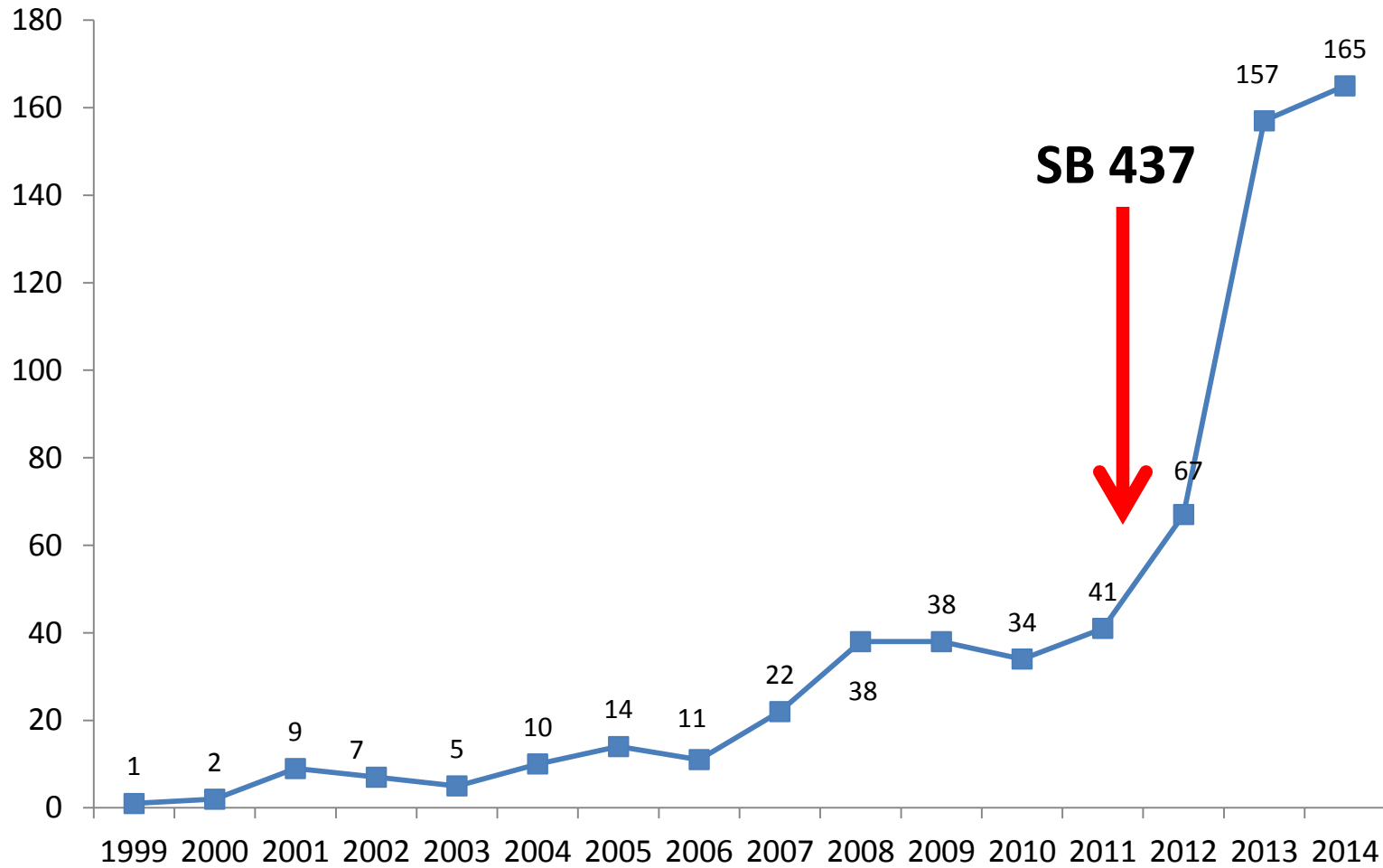
Source: West Virginia Health Statistics Center – Vital Surveillance System

Drug Overdose Deaths by Year, 1999-2014 Involving All Pharmaceuticals and at Least One Illicit Drug West Virginia Occurrences



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.
Source: West Virginia Health Statistics Center – Vital Surveillance System

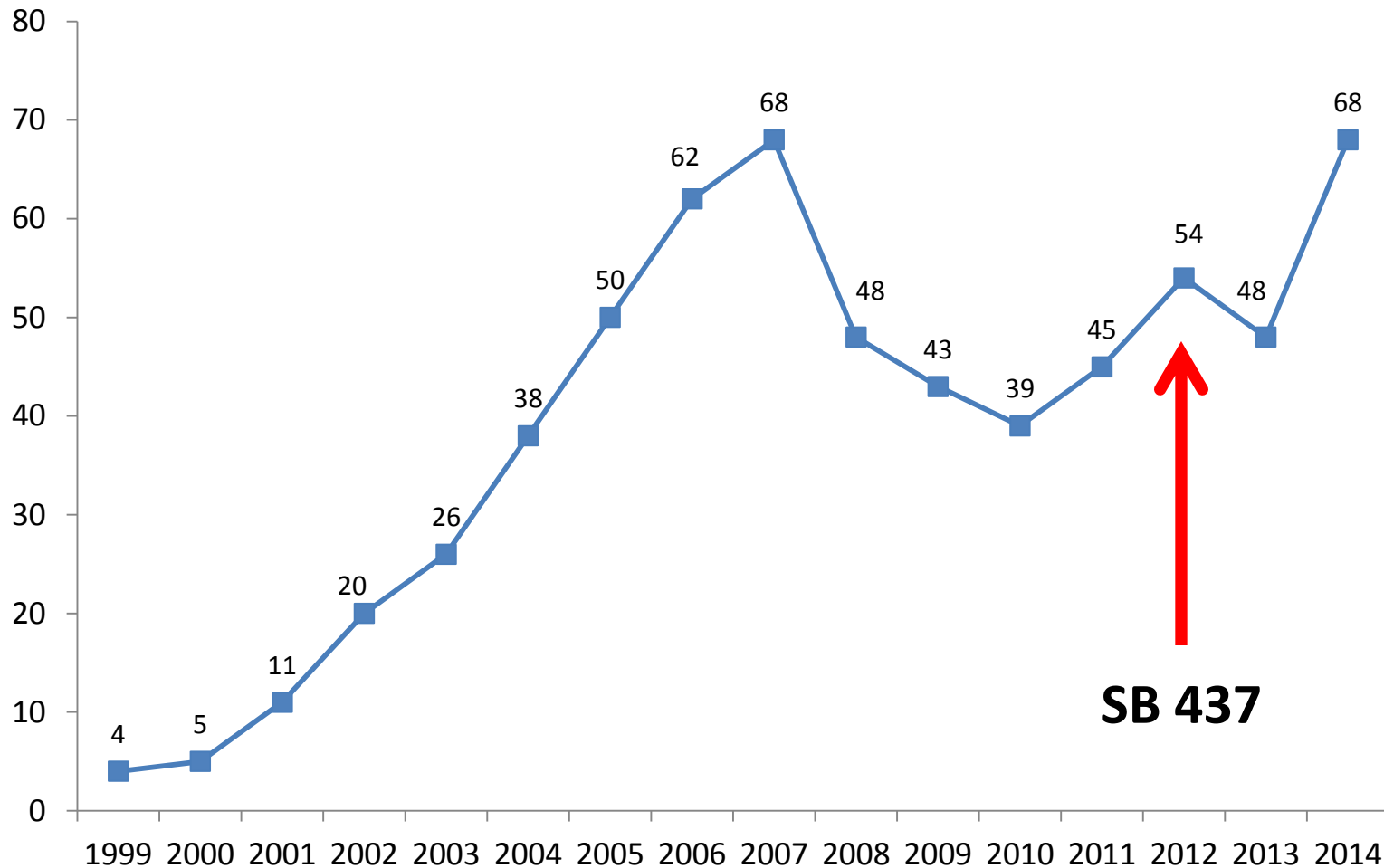
Drug Overdose Deaths Involving Heroin West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

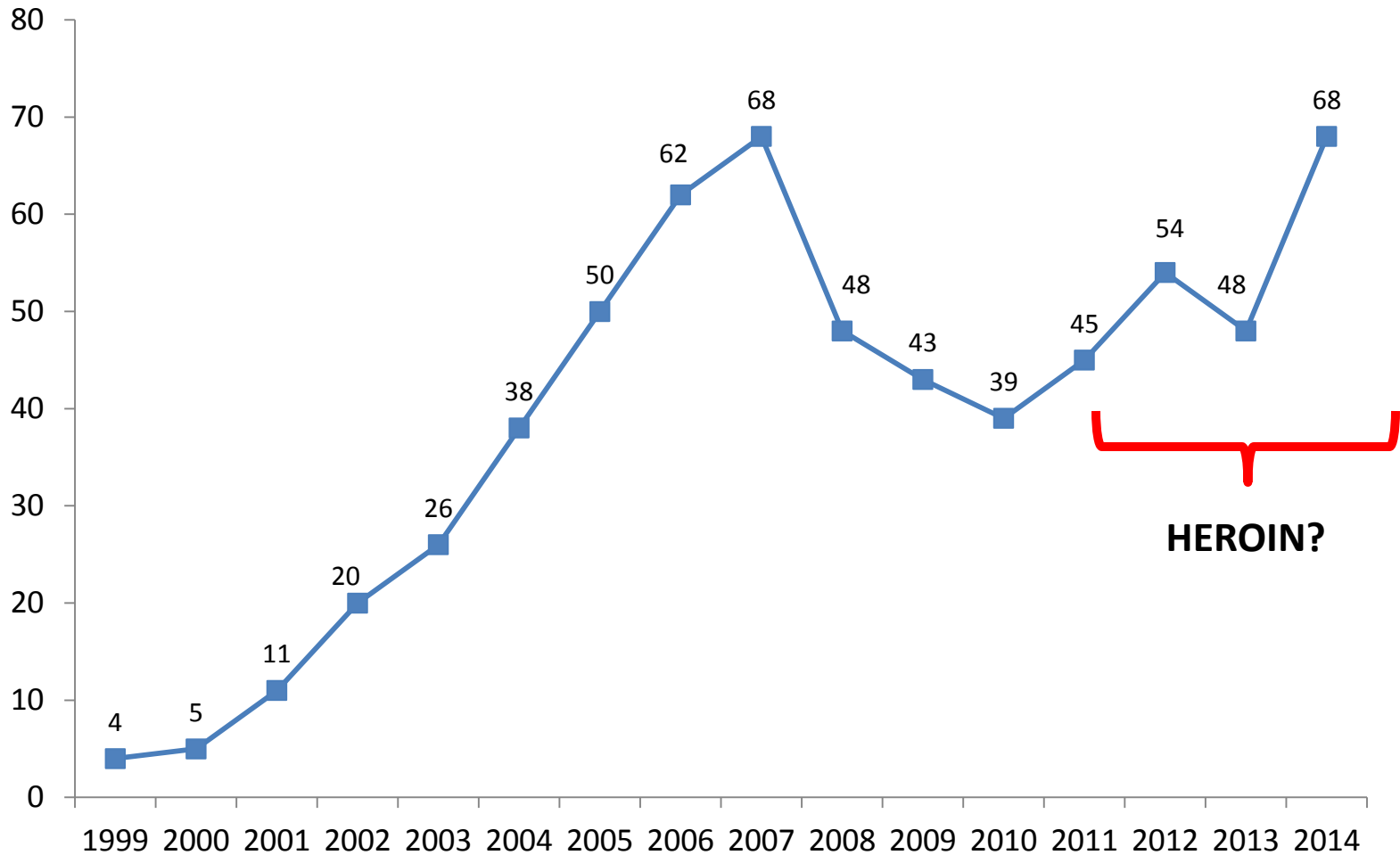
Drug Overdose Deaths Involving Morphine West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

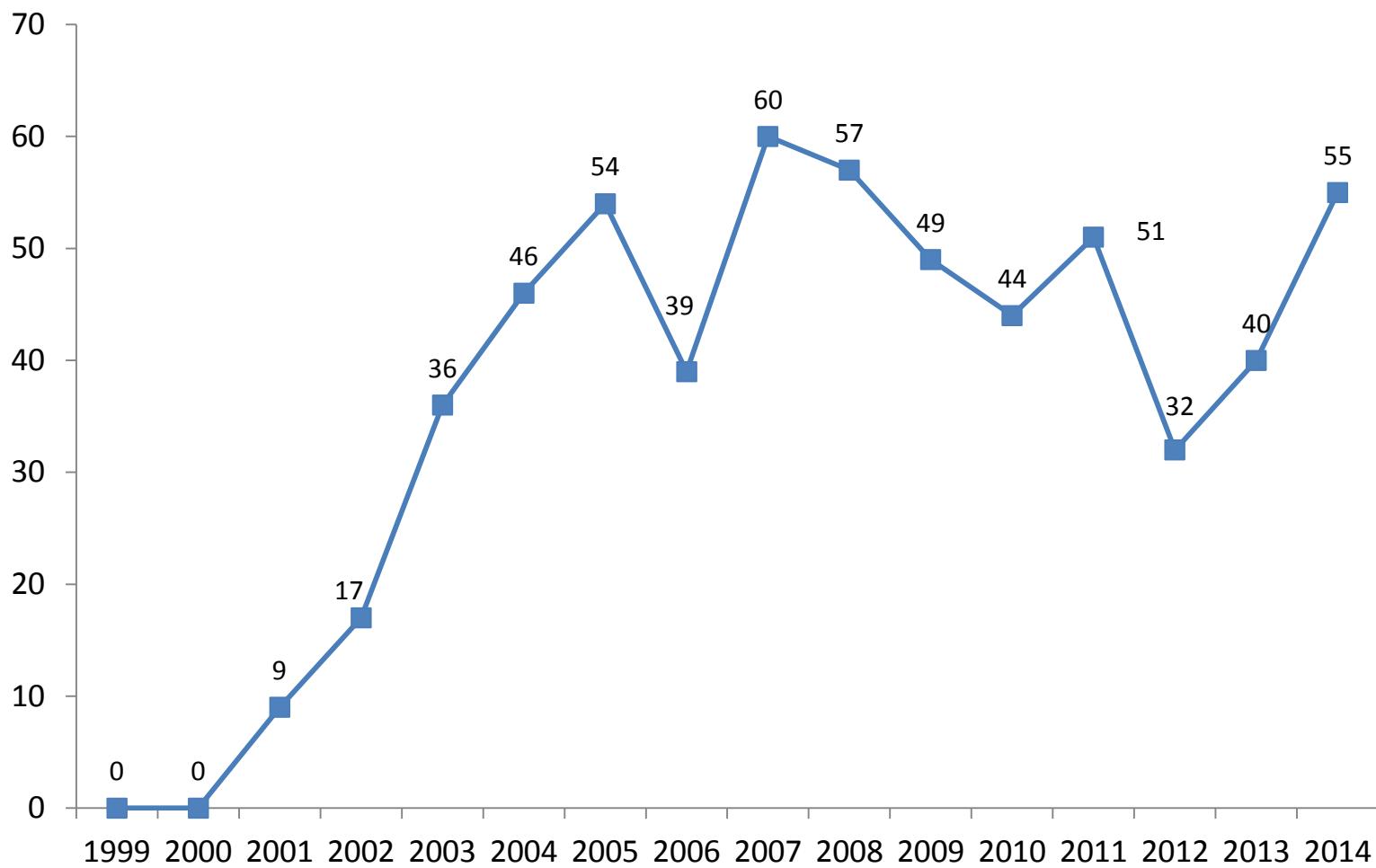
Drug Overdose Deaths Involving Morphine West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

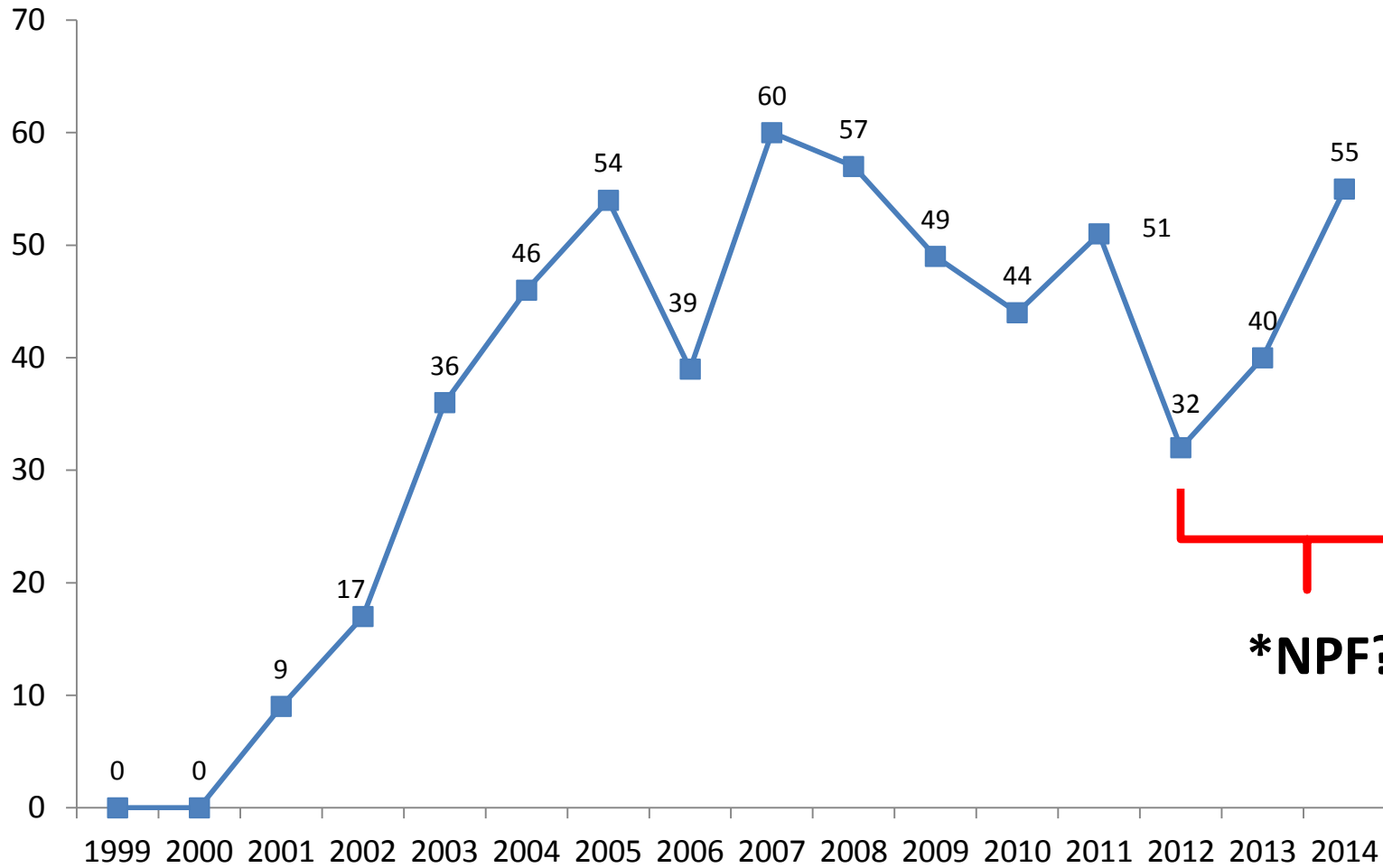
Drug Overdose Deaths Involving Fentanyl West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

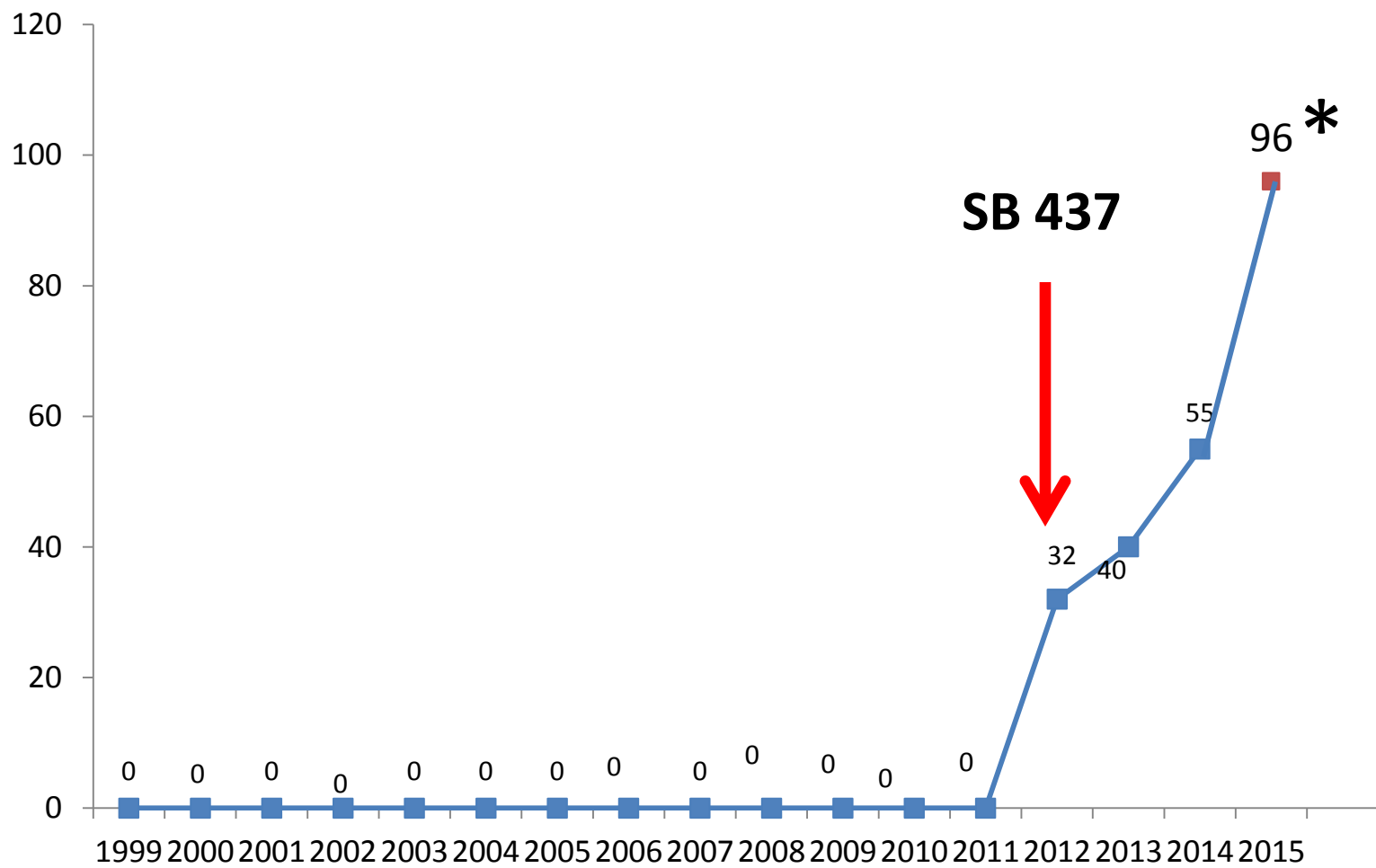
Drug Overdose Deaths Involving Fentanyl West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.
Source: West Virginia Health Statistics Center – Vital Surveillance System

*** CDC Warning: Illicit manufacture
of Fentanyl ; 10/26/2015**

Drug Overdose Deaths Involving Acetylfentanyl West Virginia Occurrences by Year, 1999-2014



Note: 2013 is preliminary data, 2014 is cumulative/unedited data.

Source: West Virginia Health Statistics Center – Vital Surveillance System

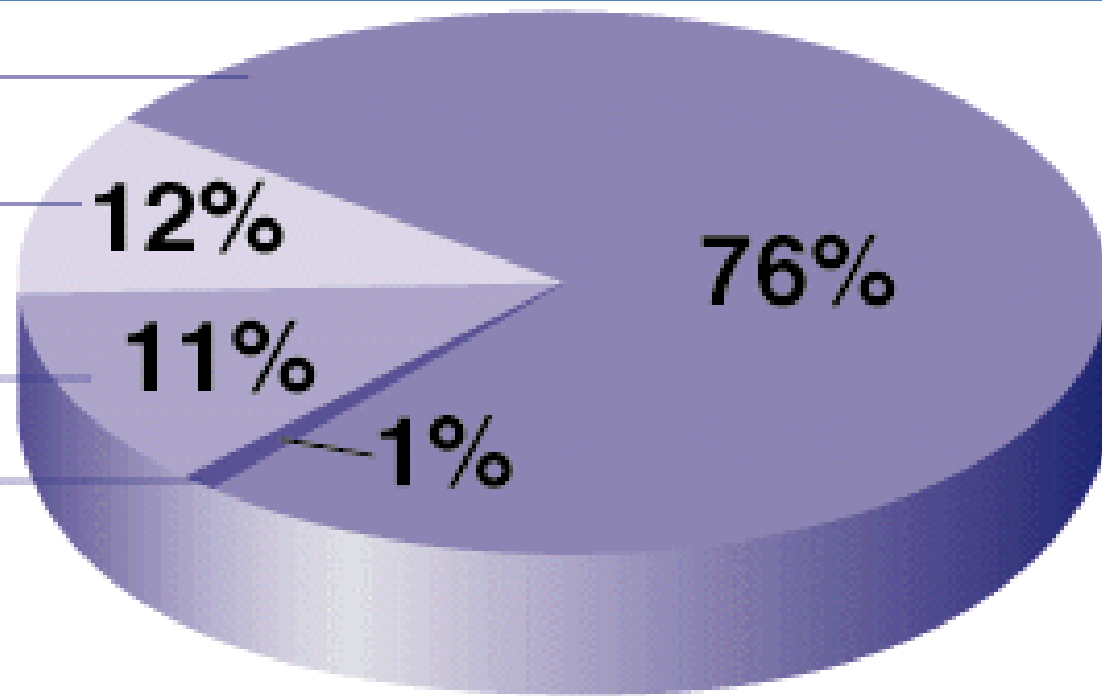
* CASES AS OF october 2015

A Changing Landscape

- Illicit drugs v. pharmaceuticals
 - Contamination? Composition? Dosage strength?
Route of administration?
 - A different provider base
- Heroin/acetyl fentanyl: needle drug abuse
 - Cardiovascular, pulmonary, hepato-renal,
osteomyelitis and CNS disorders

HIV infection as a function of IVDA, 1998

NIDA, NIH, DHHS



People with injection drug use as the only or most likely risk factor

Male injecting drug users having sex with other men

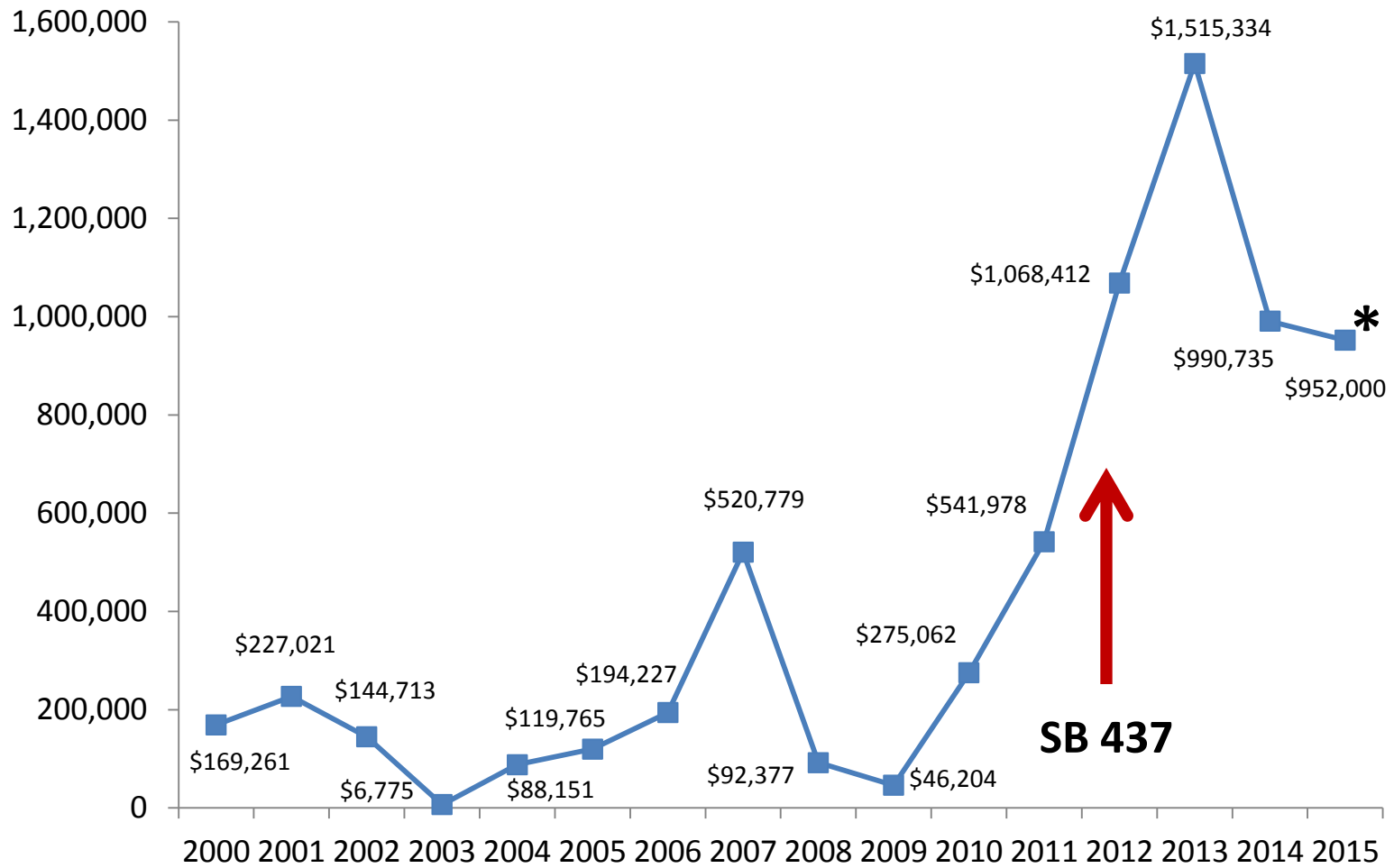
Men and women with injecting drug users as sex partners

Children born to mothers who were injecting drug users or had injecting drug users as sex partners

A Changing Landscape

- IVDA lifestyle impact on treatment
 - Frequent flyers
 - Late presentation and the cost of treatment
 - Patient non-compliance
 - Narrowed treatment options

Total Costs For Drug Abuse Inpatient Discharges by Year Charleston Area Medical Center, 2000 Thru September 2015



* Note: 2015 data is incomplete.

Source: Charleston Area Medical Center

